

ABSTRACT

A network device used to provide network security includes an interface configured to receive data transmitted over a network. The network device also includes a firewall, intrusion detection logic and forwarding logic. The firewall, intrusion
5 detection logic and forwarding logic process the received data to determine whether the data contains malicious content. When the data contains malicious content, the data may be dropped before it reaches a user device to which the received data was sent.

Optionally, the network device may interact with an external device in order to make the forwarding decision. In addition, the network device may subscribe to services offered
10 by the external device to receive updated security information.